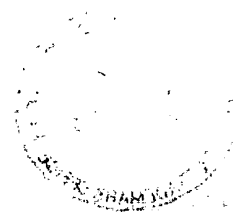


Fig. 1

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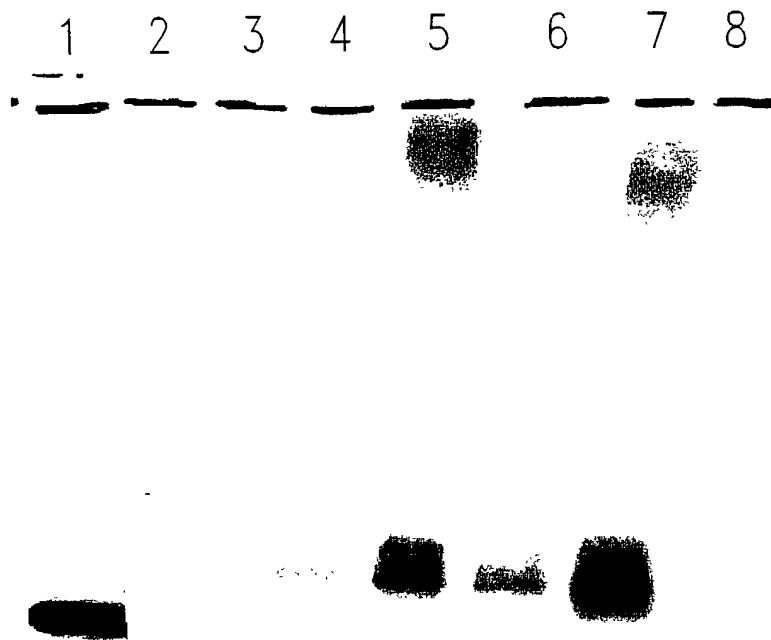
Fig. 2A



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*Fig. 2B*

*Fig. 3*



*Fig. 4*



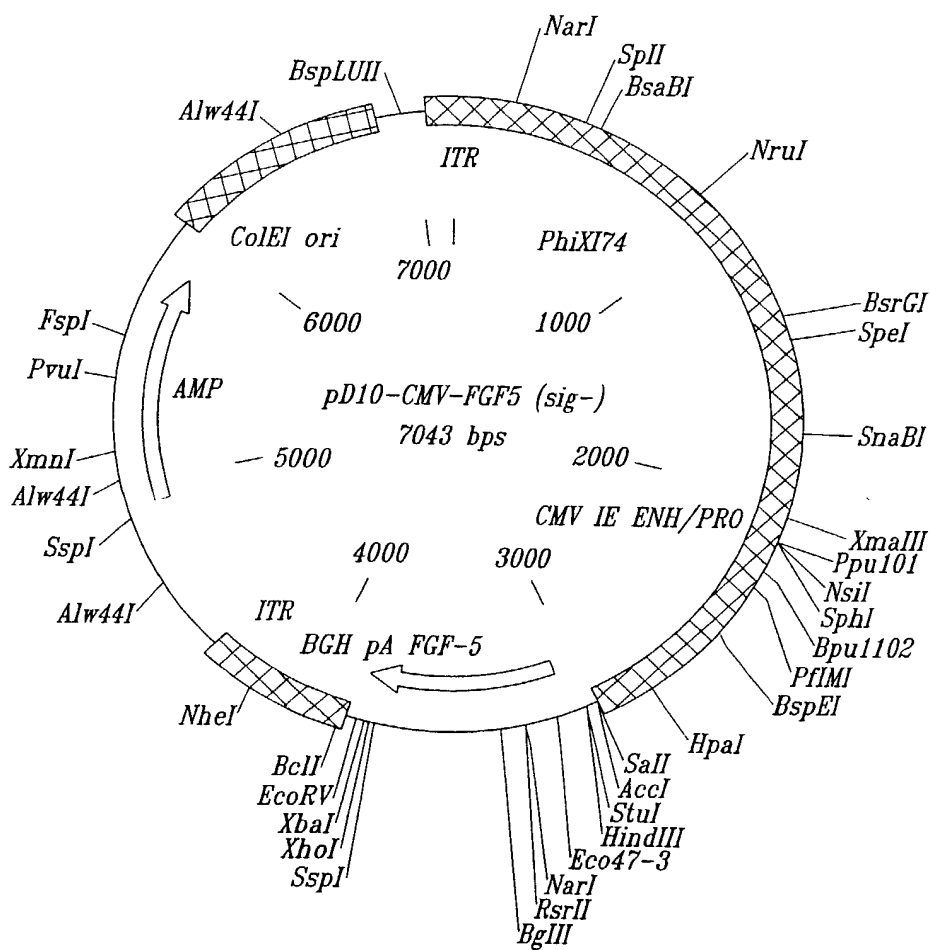


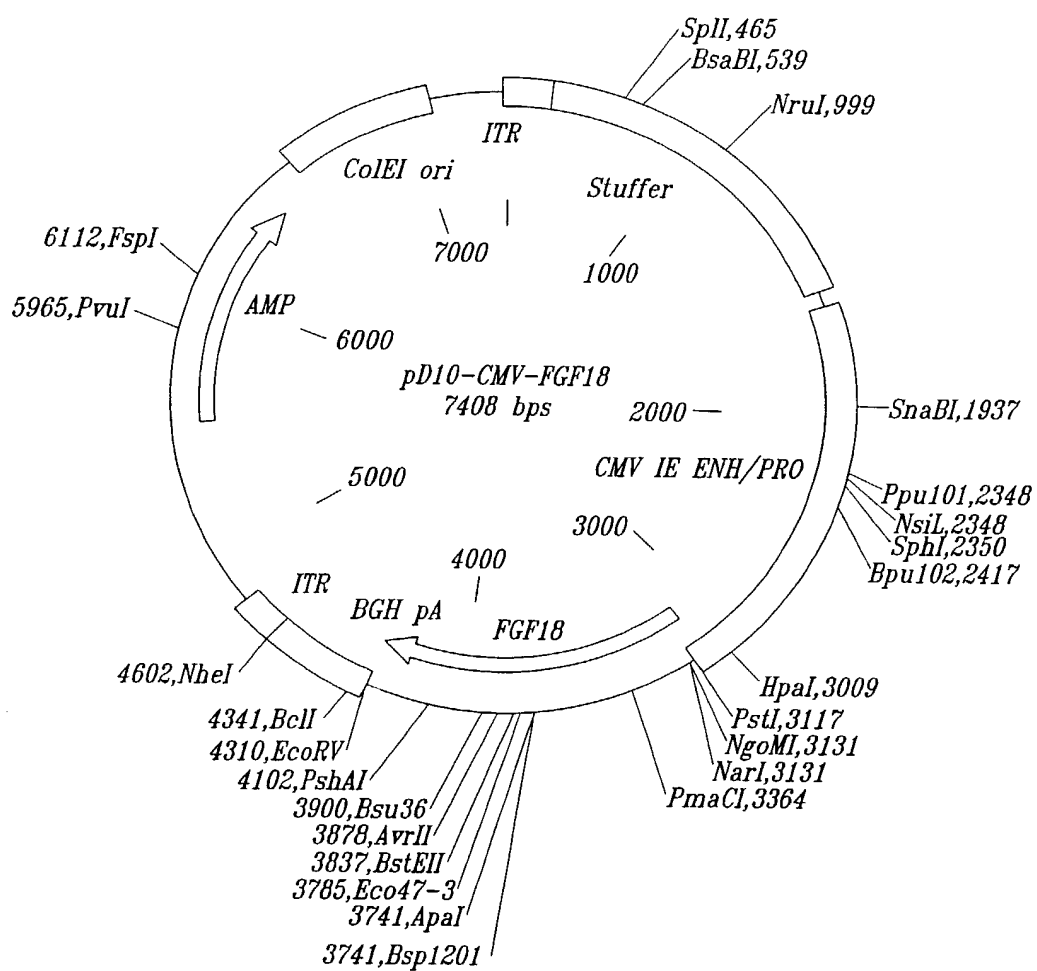
Fig. 5





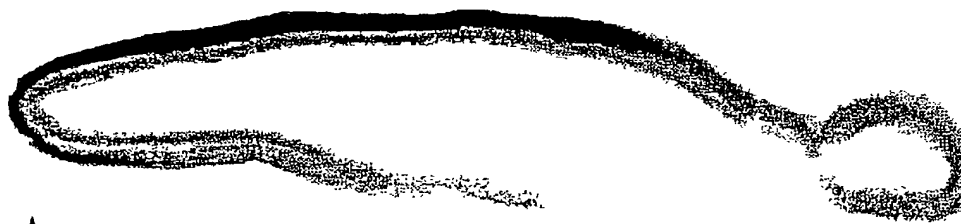
*Fig. 6*



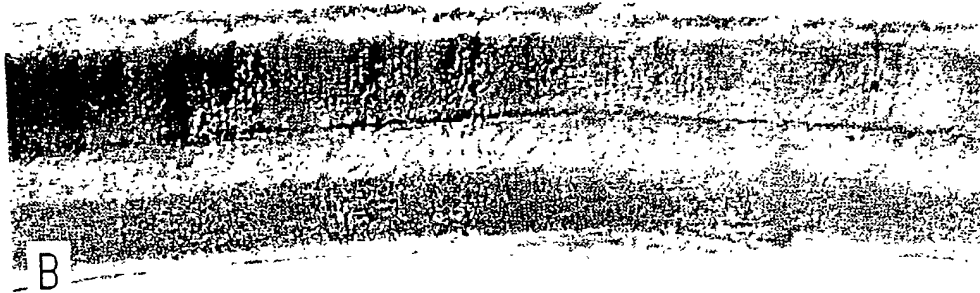








A



B

*Fig. 9*



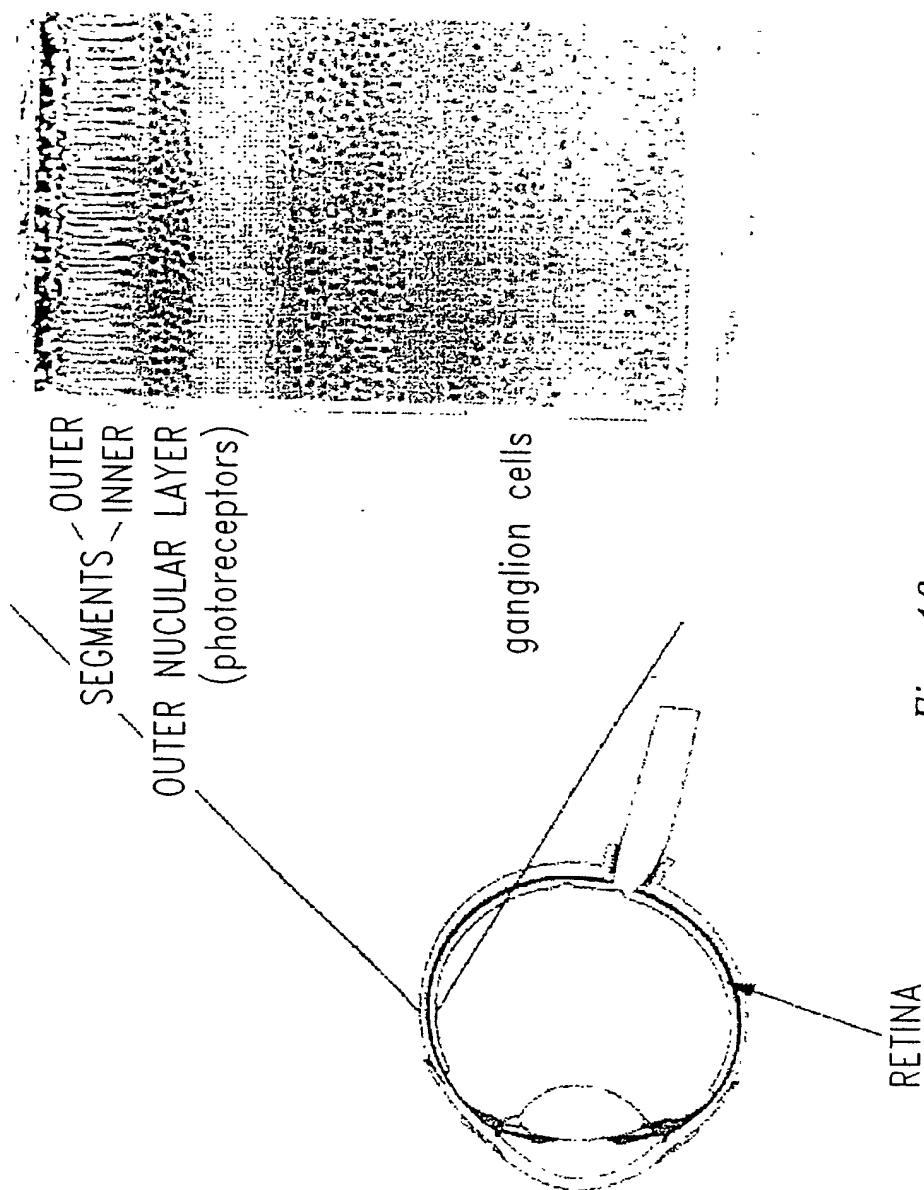
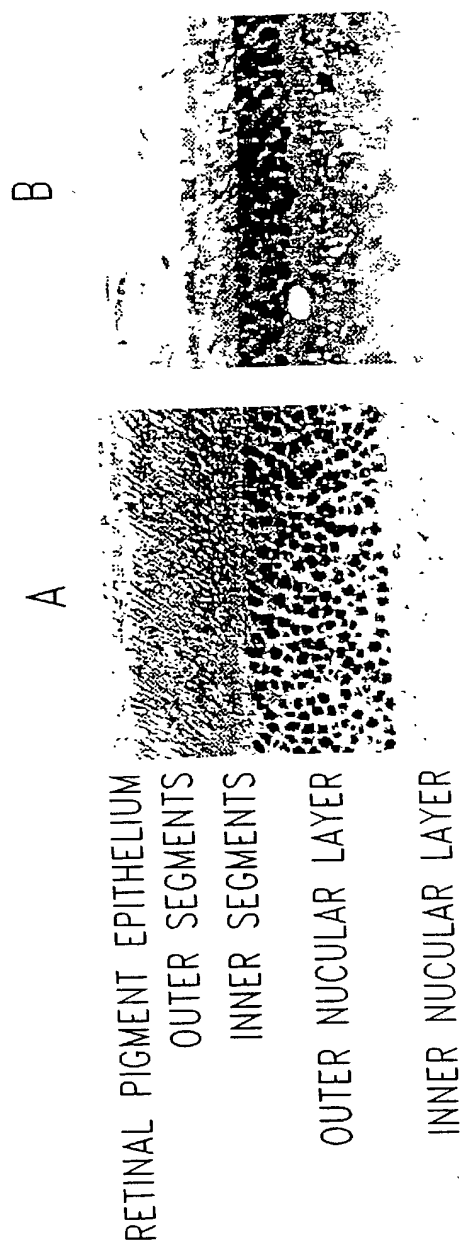


Fig. 10

RECEIVED  
JAN 30 1964  
U.S. AIR FORCE  
MEDICAL CENTER  
WALTER REED  
WASHINGTON, D.C.

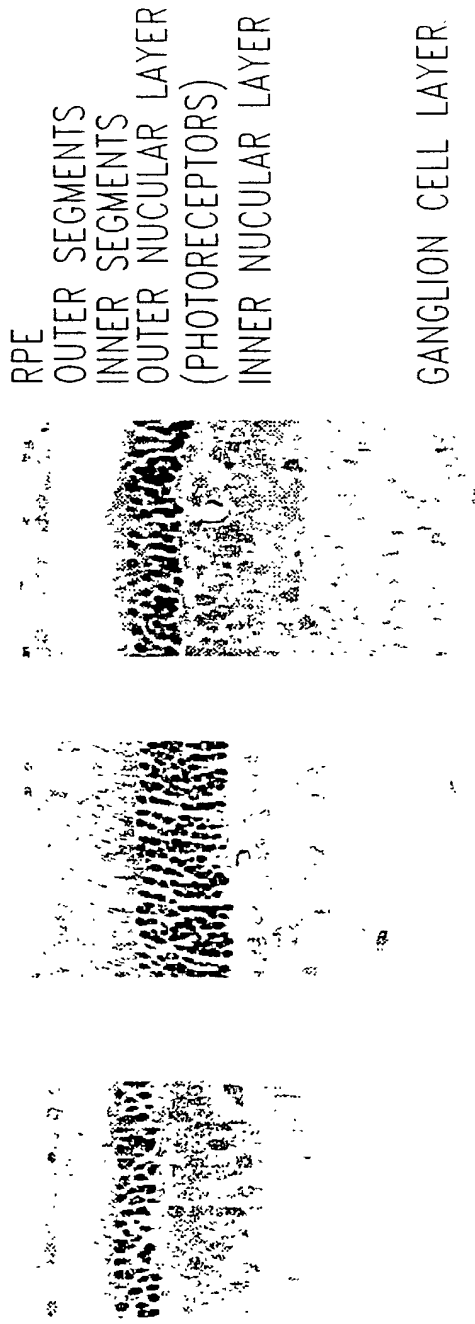


GANGLION CELLS

WILD TYPE      DEGENERATED S334ter

*Fig. 11*

DEGENERATED S334ter FGF-2 inj S334ter PBS inj S334ter



A B C

Fig. 12

HEPES 4 mM, pH 7.4

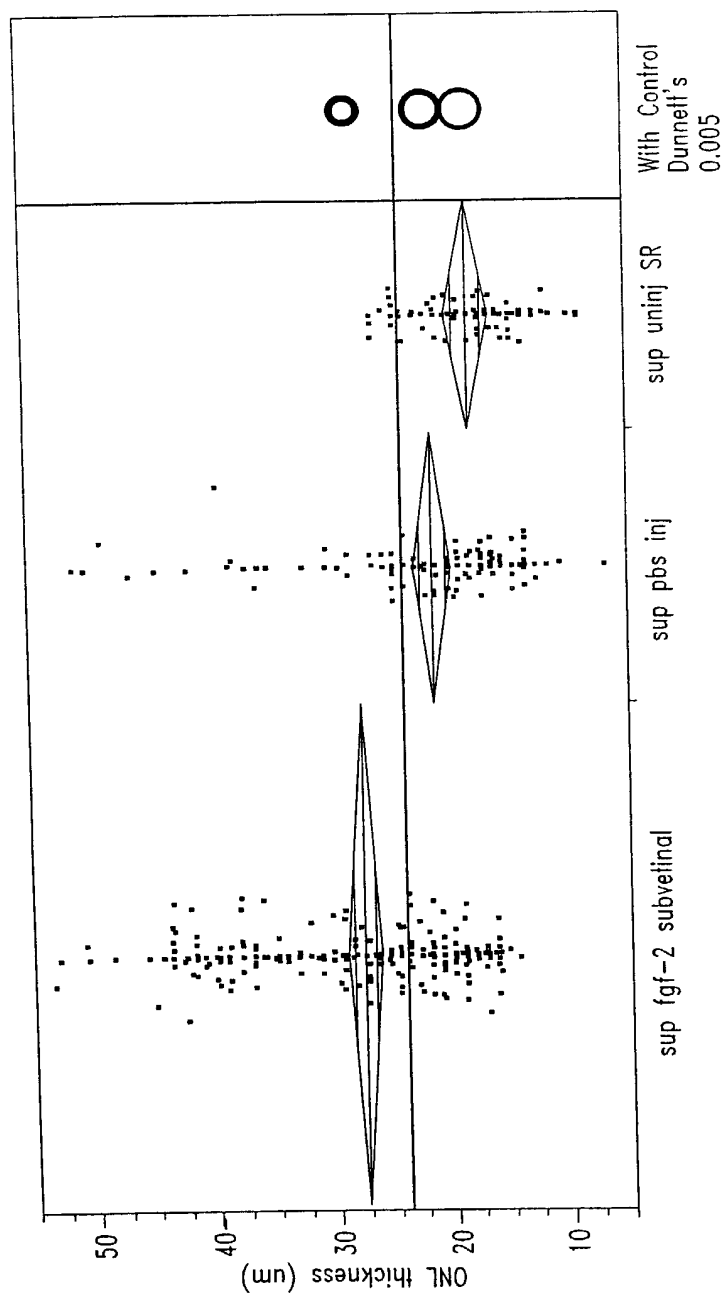


Fig. 13

11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

# OUTER NUCLEAR LAYER THICKNESS AT p60

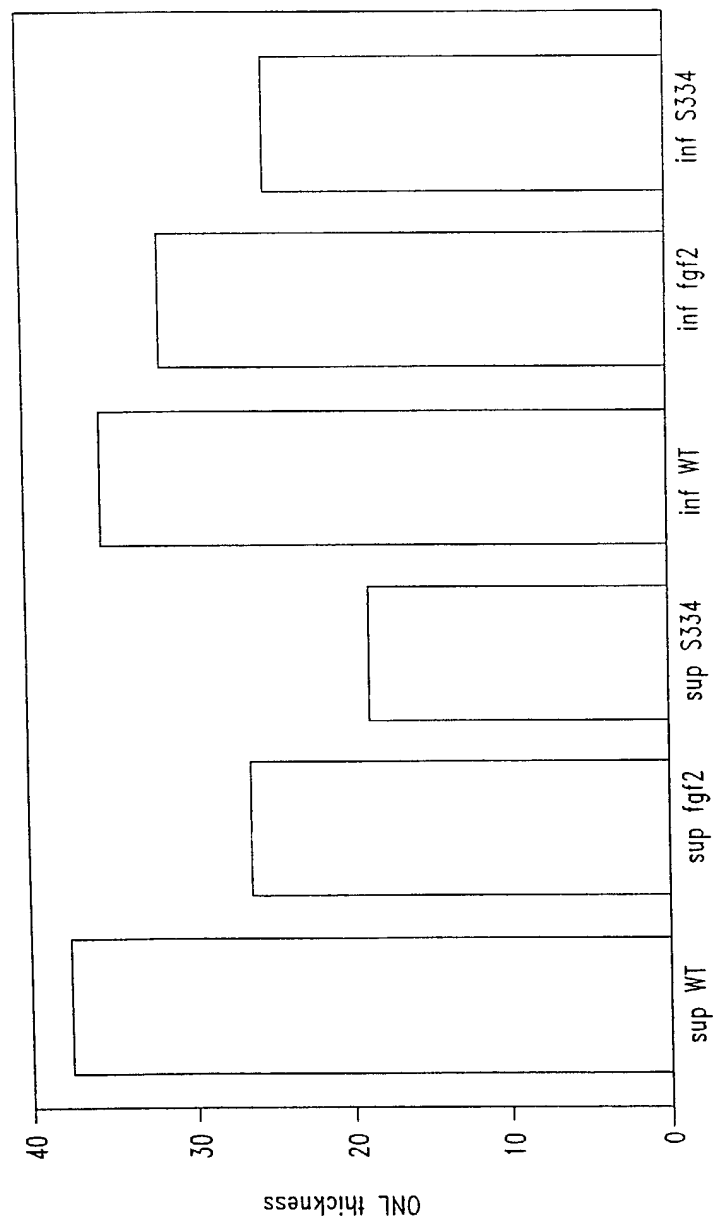
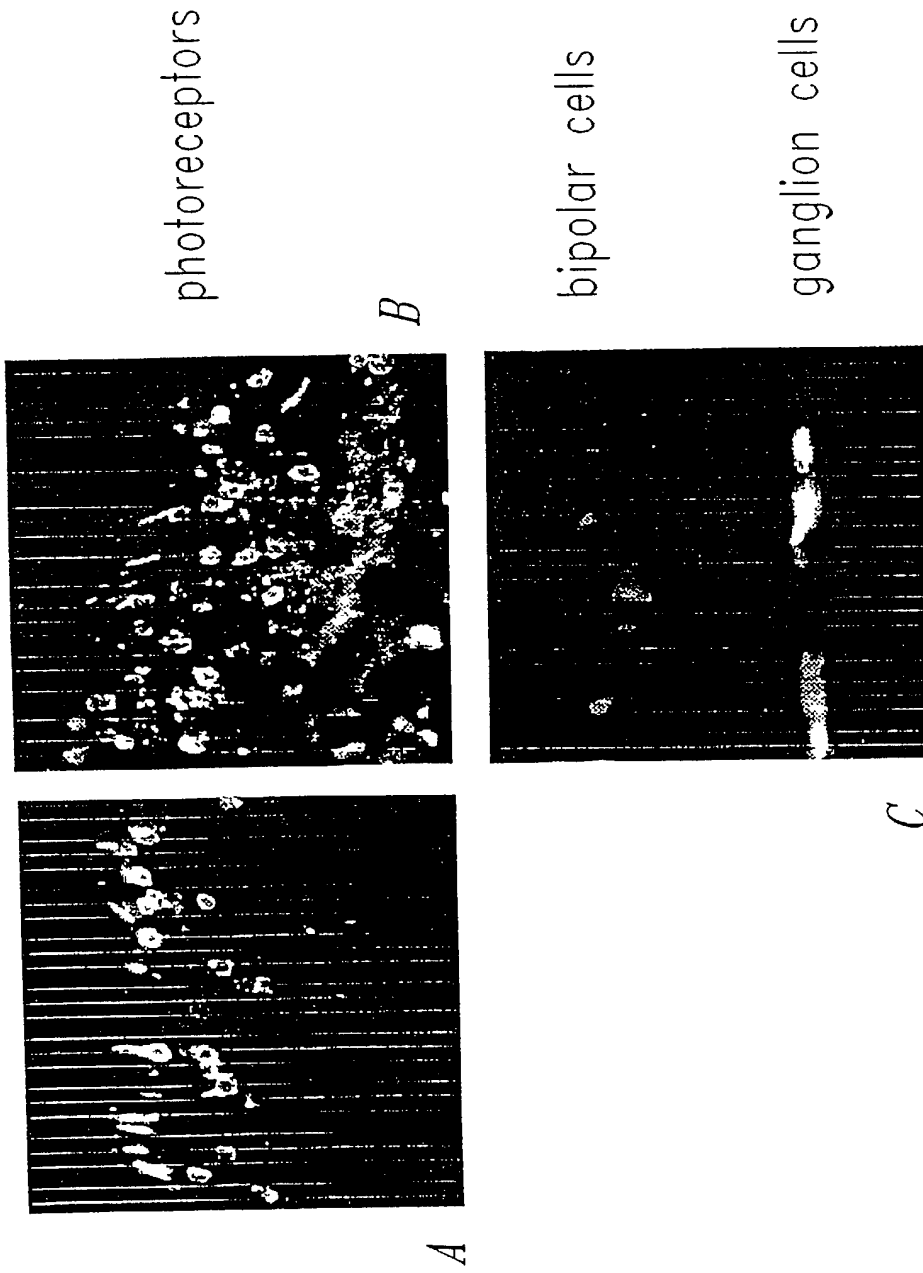


Fig. 14



photoreceptors

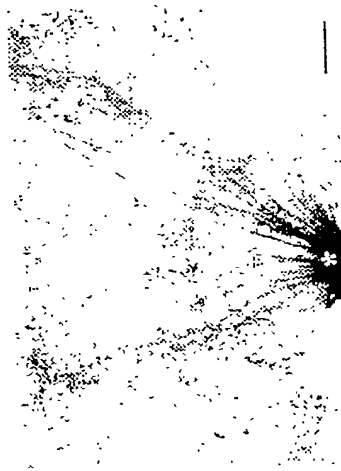
bipolar cells

ganglion cells

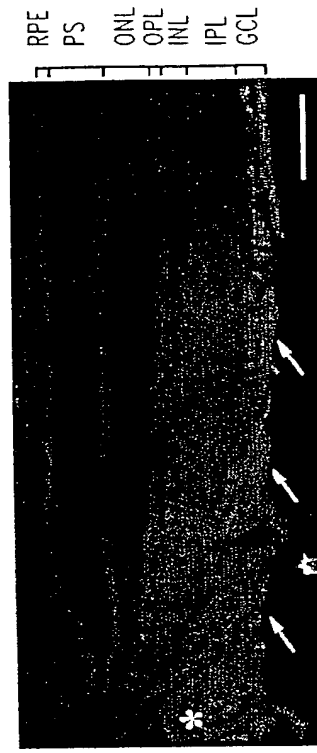
Fig. 15



# AAV-LacZ Transduction of Retinal Ganglia



A



B

Fig. 16

Time Course of AAV-Medicated Transgene Expression in the Ganglion Cell layer

Number of LacZ-positive cells (mean  $\pm$  S.D.  $\times 10^3$ )

Time after intraocular injection of AAV (weeks)	Number of LacZ-positive cells (mean $\pm$ S.D. $\times 10^3$ )
2	28 $\pm$ 5
4	85 $\pm$ 10
8	72 $\pm$ 12

Time after intraocular injection of AAV

# Localization of AAV-Medicated LacZ Gene Product in Retrograde Labeled RCG

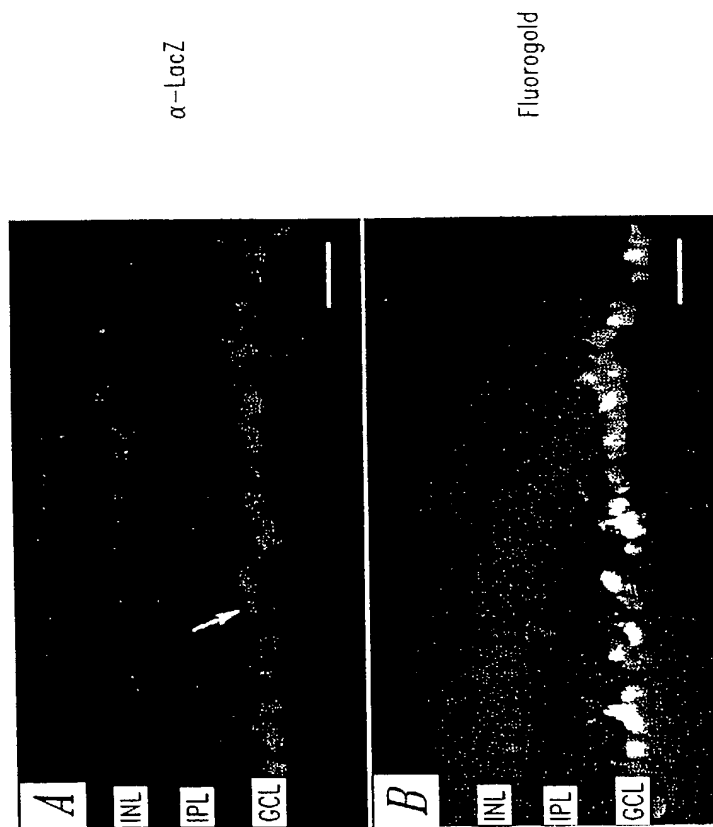


Fig. 18

10090903 .060302

# Quantification of Flourogold and LacZ Positive Cells in the Ganglion Cell Layer Following Intravitreal Injection of rAAV-LacZ

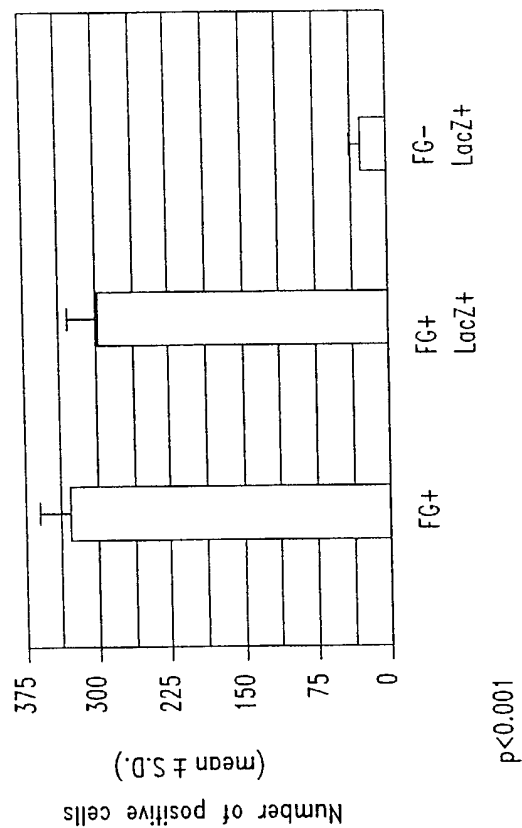


Fig. 19

# Localization of Heparin sulfate Proteoglycan, the Cellular Receptor for AAV, in the Adult Rat Retina

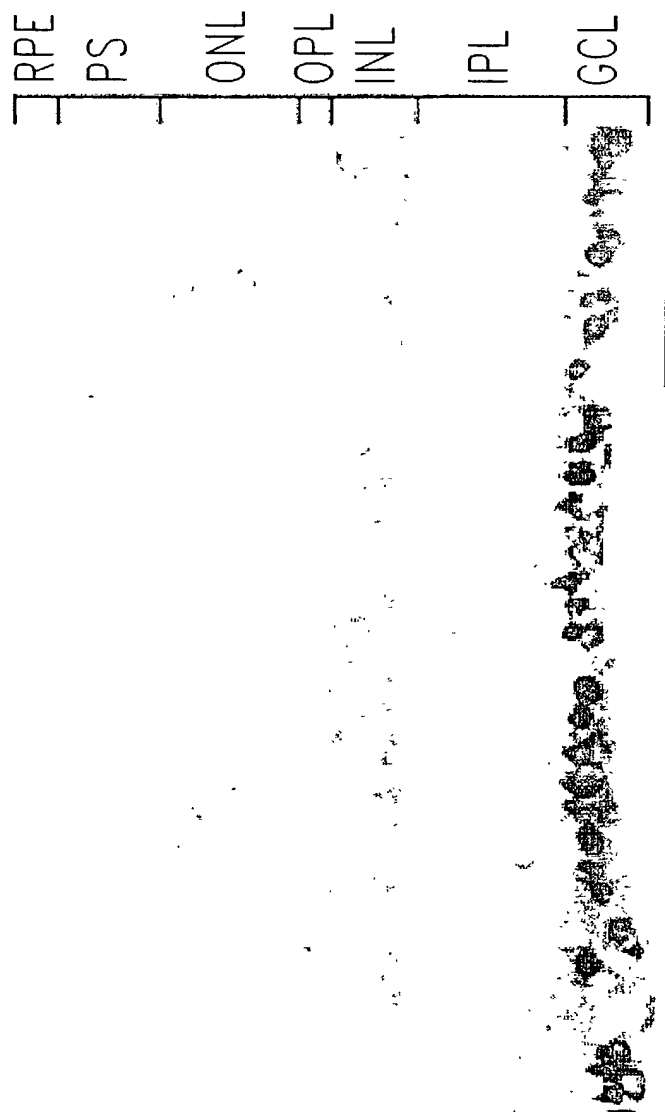


Fig. 20

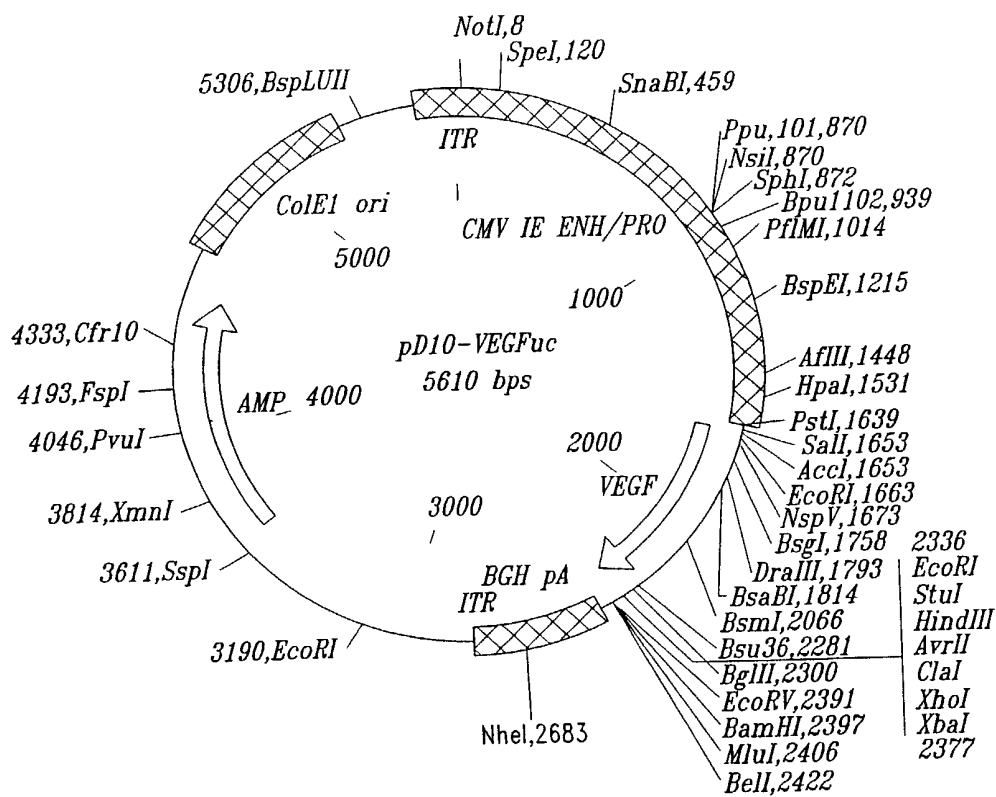


Fig. 21



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Fig. 22B

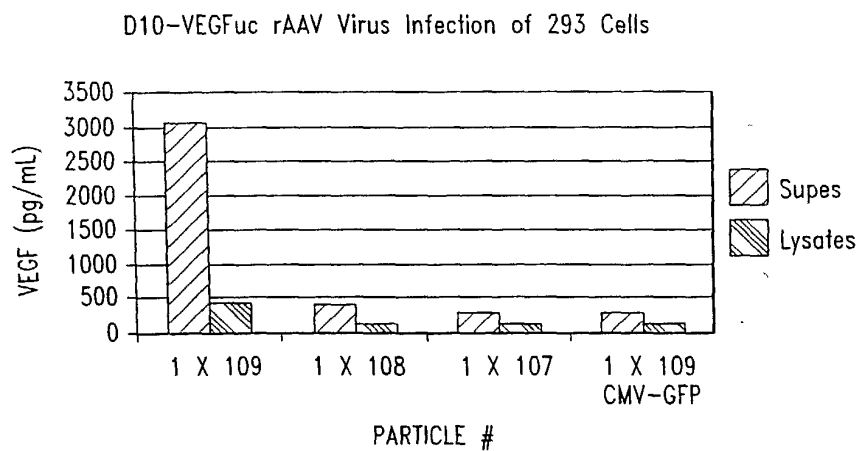
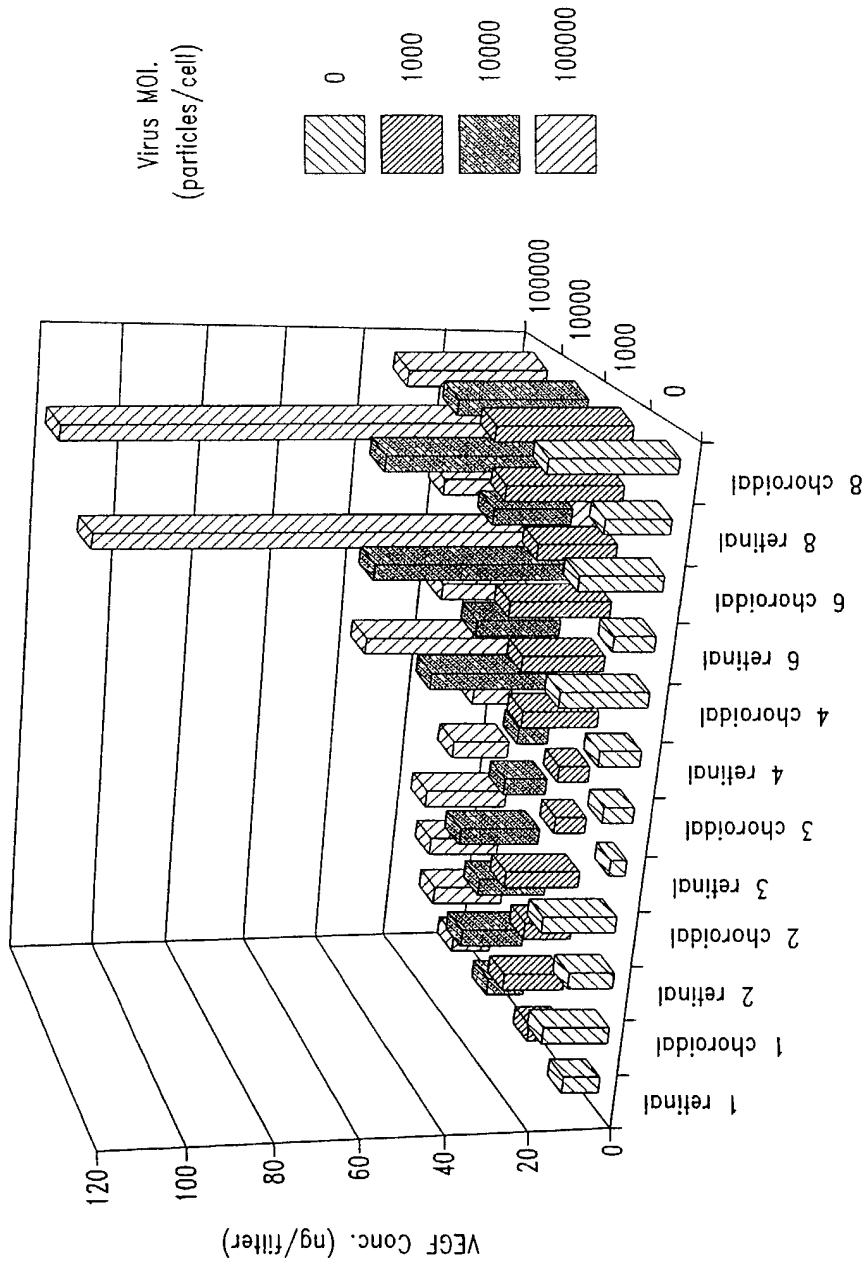


Fig. 23





Time after Transection (Day) and Polarity

Fig. 24

# VEGF Secretion by hRPE After Infection with VEGF AV

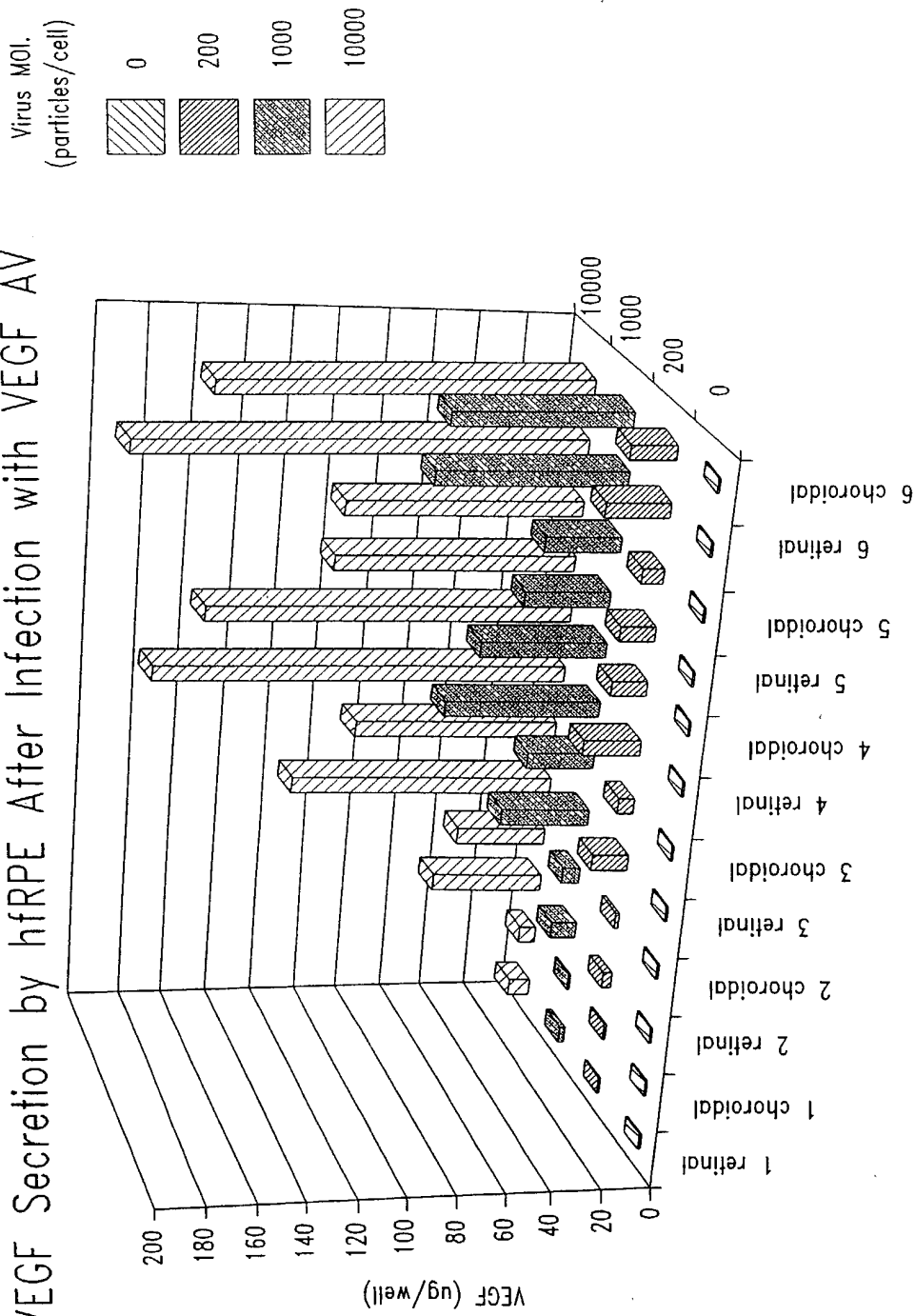


Fig. 25

Time after Infection (Day) and Polarity

# Resistance of hRPE After Infection with VEGF AV

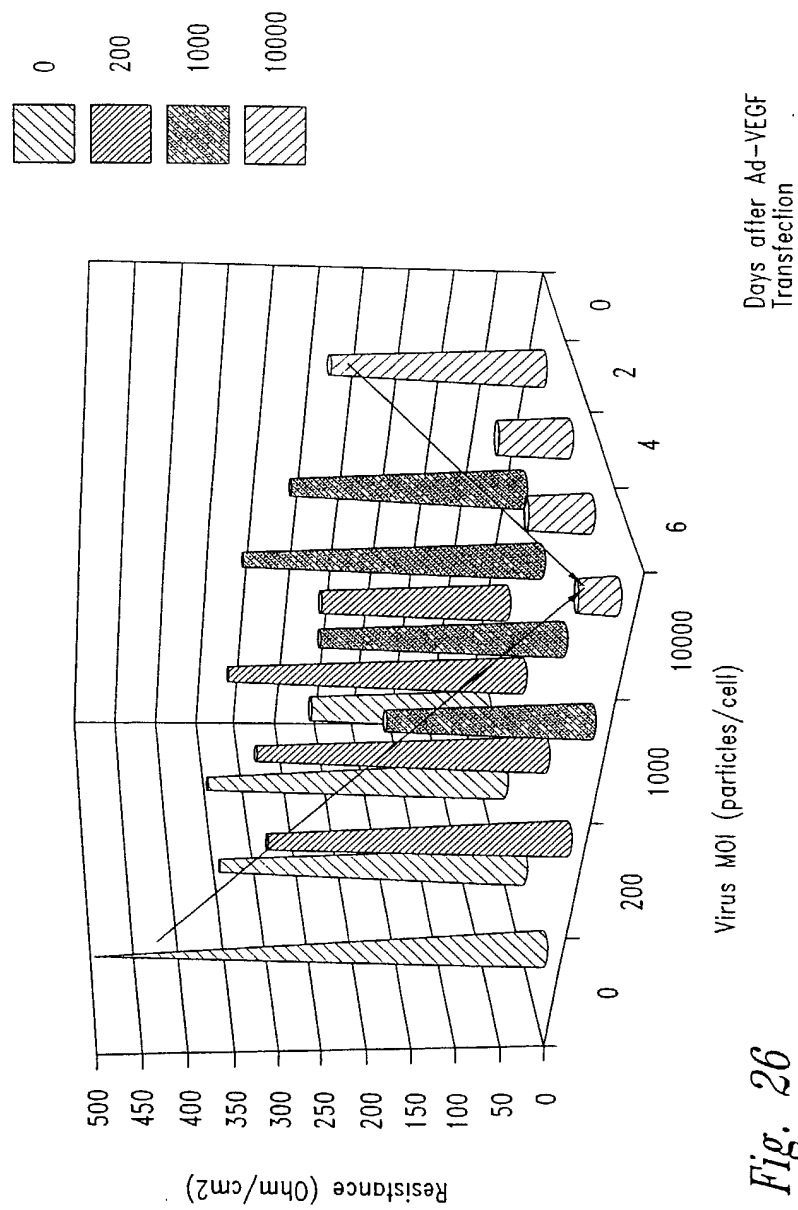


Fig. 26

*Fig. 27*

## Nucleotide Sequence of pD10-SFlt-1

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 TGGAAAAATGCCGACGAAGGAGAGGACCTGAACTGTCTTGACAGTTAACAGTCTTATACAGAGACGTTACTTGGATTTTACTGCGGACAGTTA  
 ATAACAGAACAATGCACTACAGTATTAGCAAGCAAAAAATGGCCATCACTAAGGAGCACTCCATCACTCTTAATCTTACCATCATGAATGTTCCCTGC  
 AAGATTACGGCACCTATGCCGACAGCCAGGAATGTATACAGGGGAAGAAATCTCCGAAGAAAGAAATTAACAATCAGAGGTGAGCACTGCAACA  
 AAAAGGCTGTTTTCTCGGATCTCCAAATTTAAAGCACAGGAATGATTGTACCACAAAGTAATGTAACATTAAAGGACTCATTAAAAAGTAA  
 CAGTTGTCTCATATCATCTTGATTATTGTCACTGTGCTAACTTTCAAGGCTCAAGGGCAATTCAAGGCTAAGCTTCTAGGTATCGATCTCAGAGCA  
 GTCTAGAAAGCCATGGATATCGGATCCACTACGCGTTAGAGCTCGTGATCAGCCTGACTGTGCTTCTAGTTGCCAGCATCTGTTGTTGCCCTC

Fig. 28A

CCCCCTGCTTCTTGACCTGGAAGGTGCCACTCCACTGTCTTCTAATAAAATGAGGAAATTGCATCGCATTGTCTGAGTAGGTGTCATTCTAT  
 TCTGGGGGGTGGGGTGGGGCAGGACAGCAAGGGGAGGATTGGGAAGACAATAGCAGGGGGTGGGCGAAGAACTCCAGCATGAGATCCCCGCGCTGGA  
 GGATCATCCAGTAGCAAGTCCCATCAGTGATGGAGTTGGCCACTCCCTCTCTGCGCGCTCGCTCGCTCACTGAGGCCGGCGACCAAGGTCGCCCGA  
 CGCCCGGGCTTTGCCCGGGCGGCTCAGTGAGCGAGCGAGCGCCAGCGATTCTCTTGTGCTCCAGACTCTCAGGCAATGACCTGATAGCCTTTGT  
 AGAGACCTCTAAAAATAGTACCTCTCCGGCATGAATTTATCAGCTAGAACGGTTGAATATCATATTGATGGTGATTTGACTGTCTCCGGCCTTTCT  
 CACCCGTTTGAATCTTACCTACACATTACTCAGGCATTGCATTTAAAAATATGAGGGTTCTAAAAATTTTATCCTTGCCTTGAAATAAAGGCTTCT  
 CCGCAAAAGTATTACAGGGTCATAATGTTTTGGTACAACCGATTAGCTTTATGCTCTGAGGCTTTATTGCTTAATTTTGCTAATCTTTGCTTGC  
 CTGTATGATTTATTGGATGTTGGAATTCCTGATGCGGTATTTCTCTTACGCATCTGTGCGGTATTTACACCGCATATGGTGCACTCTCAGTACAAT  
 CTGCTCTGATGCCGATAGTTAAGCCAGCGCCGACACCCGCCAACCCGCTGACGCGCCCTGACGGGCTTGTGCTCCGGCATCCGCTTACAGACA  
 AGCTGTGACCGCTCCGGGAGCTGCATGTGTGAGAGGTTTACCGTCATCACCAGAACCGCGAGAGCAAGGGGCTCGTGATACGCTATTTTTATA  
 GGTAAATGTCATGATAATAATGGTTCTTAGACGTCAGGTGGCACTTTTGGGGAAATGTGCGCGGAACCCCTATTTGTTATTTTTCTAAATACATTC  
 AAATATGTATCCGCTCATGAGACAATAACCTGATAAATGCTTCAATAATATTGAAAAAGGAAGATGAGTATTCAACATTTCCGTGTCGCCCTTAT  
 TCCCTTTTTTGGCGCATTTGCTTCTGTTTTGCTCACCCAGAACGCTGGTGAAAGTAAAGATGCTGAAGATCAGTTGGGTGCACGAGTGGGTTA  
 CATCGAACTGGATCTCAACAGCGGTAGATCCTGAGAGTTTTGCGCCGAGAACGTTTTCCAATGATGAGCACTTTTAAAGTTCTGCTATGTGGCG  
 GGTATTATCCGCTATTGACCGCGGCAAGAGCAACTCGGTGCGCGCATACACTATTCTCAGAATGACTTGGTGAGTACTCACCAGTCACAGAAAGCA  
 TCTTACGGATGCGATGACAGTAAGAGAATTATGCACTGCTGCCATAACCATGAGTGATAACACTGCGGCCAACTTACTTCTGACAACGATCGGAGGACC  
 GAAGGAGCTAACCGCTTTTTGCAACAACATGGGGATCATGTAACCTGCTTGTGCTGGGAACCGGAGCTGAATGAAGCCATACCAACGACGAGCG  
 TGACACCACGATGCCGTAGCAATGGCAACAACGTTGCGCAAACTATTAACCTGCGCAACTACTTACTCTAGCTTCCCGGCAACAATTAATAGACTGGAT  
 GGAGGCGGATAAAGTTGACGAGCACTTCTGCGCTCGGCCCTTCCGGCTGGCTGGTTATTGCTGATAAATCTGGAGCGGTGAGCGTGGGTCTCGCG  
 TATCATTGACGCACTGGGGCCAGATGGTAAGCCCTCCGCTATCGTAGTTATCTACACGAGGGGAGTCAGGCAACTATGGATGAACGAAATAGACAGAT  
 CGCTGAGATAGGTGCTCACTGATTAAAGCATTGGTAACGTGACACCAAGTTTACTCATATATACTTTAGATTGATTTAAACCTTCATTTTAATTTAA  
 AAGGATCTAGGTGAAGATCCTTTTTGATAATCTCATGACCAAAATCCCTTAACGTGAGTTTTGCTTCCACTGAGCGTCAGACCCGTAAGAAAGATCAA  
 AGGATCTTCTTGAGATCCTTTTTTCTGCGCGTAATCTGCTGCTTGCAAAACAAAAAACCCGCTACCAGCGGTGGTTTGTGCGCGATCAAGAGCT  
 ACCAATCTTTTTCCGAAGGTAACCTGGCTTCAGCAGAGCGCAGATACCAATACTGCTCTTCTAGTGATAGCCGTAGTTAGGCCACCACTTCAAGAACTC  
 TGAGCACCGCTACATACCTCGCTCTGCTAATCCTGTTACCAAGTGGCTGCTGCCAGTGGCGATAAGTCTGCTTACCGGTTGGACTCAAGACGATA  
 GTTACCGGATAAGGCGCAGCGGTGGGGTGAACGGGGGGTTCGTGACACAGCCAGCTTGGAGCGAACGACCTACACCGAACTGAGATACCTACAGCG  
 TGAGCTATGAGAAAGCGCCAGCTTCCGAAAGGAGAAAGGGCGAGGTATCCGGTAAGCGGCAGGGTCGGAACAGGAGCGCACGAGGGAGCTTCC  
 AGGGGGAACGCTGGTATCTTTATAGTCCTGTGCGGGTTTGCACACTCTGACTTGAGCGTCGATTTTGTGATGCTCGTCAGGGGGCGGAGCTTATG  
 GAAAAACGCCAGCAACCGGCTTTTACGGTTCTTGGCCTTTTGTGCGCTTTTGTGTCATGTTCTTCTGCGTTATCCCTGATTCGTGGATAA  
 CCGTATTACCGCTTTGAGTGAGCTGATACCGCTCGCCGAGCGGAACGACCGAGCGAGTCAGTGAGCGAGGAAGCGGAAGAGCGCCCAATACG  
 CAAACCGCTCTCCCGCGGTTGGCCGATTATTAAATGACAGTGGCGGCTGCTGCTCACTGAGGCCCGCGGCAAGCCCGGCGTGGGGCGAC  
 CTTTGGTGGCCCGGCTCAGTGAGCGAGCGAGCGCGCAGAGGGAGTGCCAACTCCATCACTGAT

Fig. 28B



## HumanFGF-20

atggctcccttagccgaagtcggggctttctgggcggcctggagggttgggccagcag  
M A P L A E V G G F L G G L E G L G Q Q

gtgggttcgcatttcctgttgccctcctgccgggagcgcccgctgctgggcgagcgc  
V G S H F L L P P A G E R P P L L G E R

aggagcgcggcgagcgagcgcgcgcggcgccggggctgcgcagctggcgcacctg  
R S A A E R S A R G G P G A A Q L A H L

cacggcatcctgcgccggcagctctattgccgcaccgcttccacctgcagatcctg  
H G I L R R R Q L Y C R T G F H L Q I L

cccgcgcgcagctgcagggcacccggcaggaccacagcctcttcggtatcttgaattc  
P D G S V Q G T R Q D H S L F G I L E F

atcagtgtggcagtgaggactggtcagtagaggtgtggacagtggtctctatcttga  
I S V A V G L V S I R G V D S G L Y L G

atgaatgacaaggagaactctatggatcagagaaacttacttccgaatgcacatcttagg  
M N D K G E L Y G S E K L T S E C I F R

gagcagtttgaagagaactggtataacacctattcatctaacaatataaactggagac  
E Q F E E N W Y N T Y S S N I Y K H G D

actggccgcaggtatgttggtcacttaacaaagacggaactccaagagatggcgcagg  
T G R R Y F V A L N K D G T P R D G A R

tccaagaggcatcagaaattacacatttctacctagaccagtgatccagaaagagtt  
S K R H Q K F T H F L P R P V D P E R V

ccagaattgtacaaggacctactgatgtacattga  
P E L Y K D L L M Y T

*Fig. 29*

*Fig. 30*



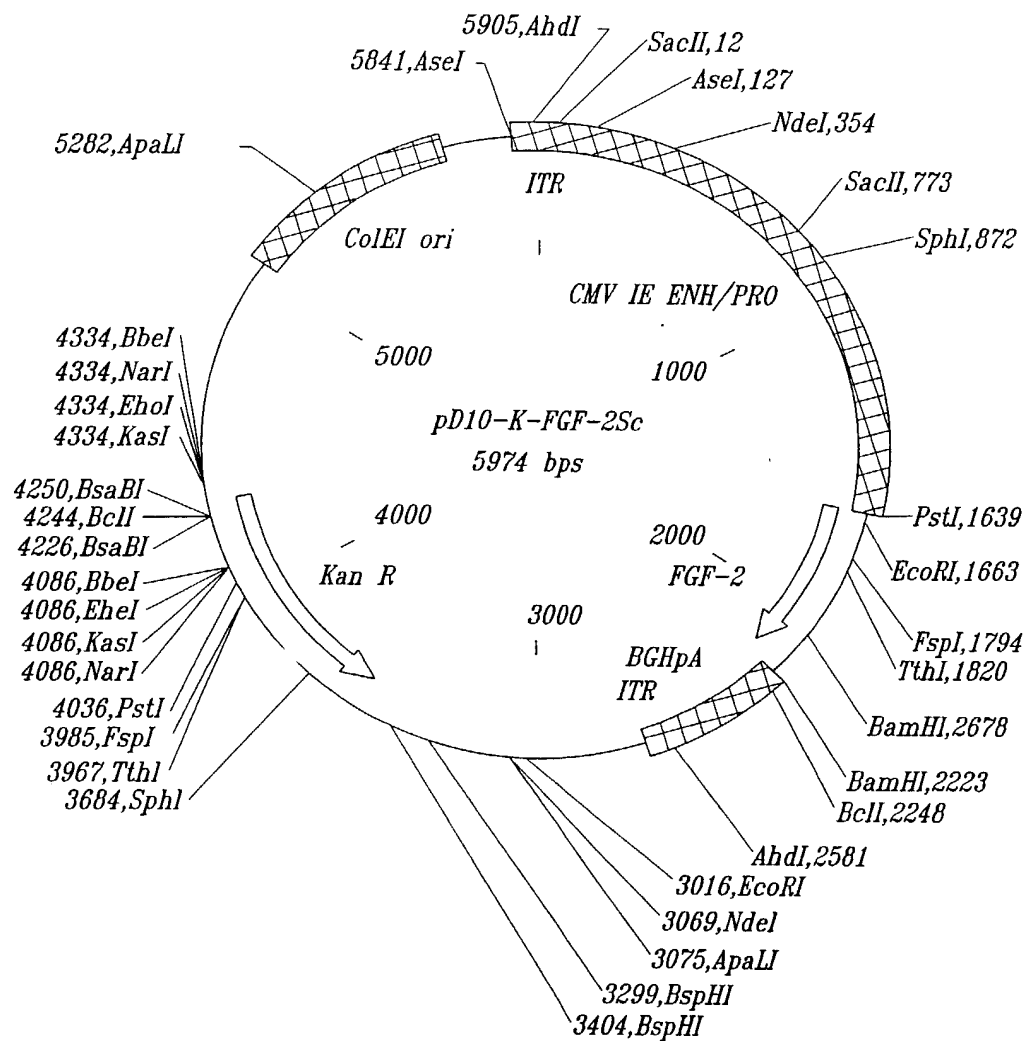


Fig. 31

AAACTTGGGGCGGGAATTCGACTCTAGGCCATTGCATACGTTGTATCTATATCATAATATGTACATTTATATTGGCTCATGTCCAATATGACC  
 GGCATGTTGACATTGATTATTGACTAGTTATTAATAGTAATCAATTACGGGGTCATTAGTTTCATAGCCCATATATGGAGTTCGCGTTACATAACTT  
 ACGGTAAATGGCCCGCTGGCTGACCGCCCAACGACCCCGCCCATTTGACGTCAATAATGACGTATGTTCCCATAGTAACGCCAATAGGGACTTTCC  
 ATTGACGTCAATGGTGGAGTATTACGGTAACTGCCCACTTGGCAGTACATCAAGTGTATCATATGCCAAGTCCGCCCCCTATTGACGTCAATGA  
 CGGTAAATGGCCCGCTGGCATTATGCCAGTACATGACCTTACGGGACTTTCTACTTGGCAGTACATCTACGTATTAGTCATCGCTATTACCATG  
 GTGATGCGGTTTTGGCAGTACACCAATGGGCGTGGATAGCGGTTTGACTCAGGGGGATTTCAGTCTCCACCCCATTTGACGTCAATGGGAGTTTGT  
 TTTGGCACCAAAATCAACGGGACTTTCCAAAATGTCGTAATAACCCCGCCCGTTGACGCAATGGGCGGTAGGCGTGTACGGTGGGAGGTCTATAT  
 AAGCAGAGCTCGTTTAGTGAACCGTCAGATCGCCTGGAGACGCCATCCACGCTGTTTTGACCTCCATAGAAGACACCGGGACCGATCCAGCCTCCGC  
 GGCCGGGAACGGTGCTTGAACGGGATTCCCGTGCCAAGAGTGACGTAAGTACCGCTATAGACTCTATAGGCACACCCCTTTGGCTCTTATGC  
 ATGCTATACTGTTTTGGCTTGGGCTTATACACCCCGCTCCTTATGCTATAGGTGATGGTATAGCTTAGCCTATAGGTGTTGGGTATTGACCATT  
 ATTGACCACTCCCTATTGGTGACGACTTTCCATTACTAATCCATAACATGGCTCTTTGCCACAATATCTCTATTGGCTATATGCCAATCTCT  
 GTCCTTCAGAGACTGACACGGACTCTGTATTTTACAGGATGGGGTCCATTTATTATTACAAATTCACATATACAACACGCGTCCCGCTGCC  
 GCAGTTTTTATTAACATAGCGTGGGATCTCCGACATCTCGGGTACGTGTTCCGGACATGGGCTCTTCCGGTAGCGCGGAGCTTCACATCCGA  
 GCCCTGGTCCCATCCGTCCAGCGGCTCATGGTCGCTCGGACGCTCCTGCTCCTAACAGTGGAGGCCAGACTTAGGCACAGCACAATGCCACCACC  
 ACCAGTGTGCCGACAAGGCGTGGCGGTAGGGTATGTGCTGAAAATGAGCTCGGAGATTGGGCTCGCACCTGGACGCAGATGGAAGACTTAAGGC  
 AGCGGCAGAAGAAGATGCAGGCAGCTGAGTTGTGATTCTGATAAGAGTCAGAGGTAACCTCCGTTGCGGTGCTGTTAACGTTGGAGGGCAGTGTA  
 GTCTGAGCAGTACTCGTTGCTGCCGCGCGCCACCAGACATAATAGCTGACAGACTAACAGACTGTTCTTTCCATGGGTCTTTCTGCAGTCACC  
 GTCGTCGACCTAAGAATTCAGGTATGGCTGCTGTTCTATCACTACCCTGCCAGCTCTGCCAGAAGACGGTGGTCTGGTGCTTTCCACCAGGTCA  
 CTTCAAAGACCCAAAACGCTGTACTGCAAAAACGGTGGTTCTTCTGCGCATCCACCCGACGGCCGAGTGGACGGGTCCGCGAGAAGAGCGAC  
 CCACACATCAAACTACAACCTCAAGCAGAAGAGAGAGGGGTGTGCTATCAAAGGAGTGTGTGCAAAACCGTTACCTTGCTATGAAAGAAGATGGAA  
 GATTACTAGCTTCTAAATGTGTTACAGACGAGTGTTCCTTTTGAACGATTGGAGTCTAATACTACAATACTTACCGTCAAGGAAATACACCAG  
 TTGGTATGTGGCACTGAAACGAACTGGGCAGTATAAATTTGGATCCAAAACAGGACCTGGGCAGAAAGCTATACCTTTTCTTCCAATGCTGCTAAG  
 AGCTGATCTTAATGGCAGCATCTGATCTCATTTTACATGAAGCTTCTAGGTATCGATCTCGAGCAAGTCTAGAAAGCCATGGATATCGGATCCACT  
 ACGCGTTAGAGCTCGCTGATCAGCCTCGACTGTGCTTCTAGTTGCCAGCCATCTGTTGTTTGGCCCTCCCGCTGCTTCTTGACCTGGAAGGT  
 GCCACTCCCACTGTCTTCTTAATAAAATGAGGAAATTCATCGCATTTGCTGAGTAGGTGTCATTCTATTCTGGGGGTGGGTGGGCAGGACA  
 GCAAGGGGGAGGATTGGGAAGACAATAGCAGGGGGGTGGGCAAGAACTCCAGCATGAGATCCCGCGCTGGAGGATCATCCAGCTAGCAAGTCCCA  
 TCAGTGATGGAGTTGGCCACTCCCTCTCTGCGCGCTCGCTCGCTCACTGAGGCCGGGCGACAAAGGTGCGCCGACGCCGGGCTTTGCCCGGGCGG  
 CCTCAGTGAGCGAGCGAGCGGCCAGGATTTCTTGTGCTCCACTCTCAGGCAATGACCTGATAGCCTTTGTAGAGACCTCTCAAAAATAGC  
 TACCCTCTCCGGCATGAATTTATCAGCTAGAACGGTTGAATATCATATTGATGGTGATTGACTGTCTCCGGCTTTCTACCCGTTTGAATCTTTA  
 CCTACACATTACTCAGGCATTGCATTTAAATATATGAGGGTTCTAAAAATTTTATCCTTGCGTTGAAATAAAGGCTTCTCCCGCAAAAGTATTAC  
 AGGGTCATAATGTTTTGGTACAACCGATTAGCTTTATGCTCTGAGGGTTTATTGCTTAATTTTGCTAATCTTTGCTTGCCTGTATGATTATT  
 GGATGTTGGAATTCCTGATGCGGTATTTCTCCTTACGCATCTGTGCGGTATTTACACCGCATATGGTGCACTCTCAGTACAATC

Fig. 32A

TGCTCTGATGCCGATAGTTAAGCCAGCCCCGACACCCGCCAACCCGCTGACGCGCCCTGACGGGCTTGCTCTGCTCCCGGCATCCGCTTACAGAC  
 AAGCTGTGACCGTCTCCGGGAGCTGCATGTGTGAGAGTTTACCCTCATCCGAAACGCGGAGACGAAAGGGCTCGTGATACGCTATTTTT  
 ATAGGTTAATGTCATGATAAATAGTTTCTAGACGTAGGTGGCACTTTTCGGGAAATGTGCGCGAACCCTATTTGTTATTTTTCTAAATA  
 CATTCAAATATGTATCCGCTCATGAGACAATAACCTGATAAATGCTCAATAATGTACCGTCAAGAAGGCGATAGAAGGCGATGCGCTGCGAATC  
 GGGAGCGGCGATACCGTAAAGCAGGAGGAGCGGTGAGCCATTGCTTCAGCAATATCACGGGTAGCCAACGCTATGTCTGATAGCGGTCCGCCA  
 CACCCAGCCGGCCACAGTCGATGAATCCAGAAAAGCGGCATTTCCACCATGATATTCGCAAGCAGGCATGCCATGGGTACGACGAGATCCTC  
 GCGCTCGGGCATGCGCGCTTGAGCTGGCGAACAGTTCCGCTGGCGGAGCCCTGATGCTCTTCGTCCAGATCATCTGATCGACAAGACCGGCT  
 TCCATCCGAGTACGTGCTCGCTCGATGCGATGTTTCGCTGGTGGTGAATGGGAGGTAGCCGGATCAAGCTATGACGCGCGGCTTGCATCAG  
 CCATGATGATACCTTCTCGGCAGGAGCAAGGTGAGATGACAGGAGATCTGCCCGGCACTTCGCCAATAGCAGCCAGTCCCTTCCGCTTCAGT  
 GACAACGTGAGCAGCTGCGCAAGGAACCGCCGCTGCTGGCCAGCCACGATAGCCGCGCTGCTCCTGCAGTTTATTAGGGCACCAGGAGG  
 TCGGCTTTGACAAAAGAACCGGGCGCCCTGCGCTGACAGCCGGAACACGGCGGCATCAGAGCAGCCGATTGCTGTTGCGCCAGTCATAGCGA  
 ATAGCTCTCCACCAAGCGGCGGAGAACCTGCGTGCAATCCATCTTGTCAATCATCGAAACGATCCTCATCTGTCTTTGATCAGATCTTGA  
 TCCCTGCGCCATCAGATCTTGGCGGCAAGAAAGCCATCCAGTTTACTTTGACGGGCTTCCCAACCTTACCAGAGGGCGCCCGAGCTGGCAATCC  
 GGTTGCTGCTGCTCCATAAAACCGCCAGTCTAGCTATCGCATGTAAGCCCACTGCAAGCTACCTGCTTCTCTTTGCGCTTGCGTTTTCCCTTG  
 TCCAGATAGCCAGTAGCTGACATTATCCGGGGTCAACCGCTTCTGCGGACTGGCTTCTACGTGTTCCGCTTCTTTAGCAGCCCTTGCGCCC  
 TGAGTGCTTGGCGAGCGTAAGCTGTCAATTCGCGTTAAATTTTGTAAATCAGCTCATTTTTTAACCAATAGGCCGAAATCGGCAAAATCCCT  
 TATAAATCAAAAGATAGCCGAGATAGGGTTGAGTGTGTTCCAGTTTGAACAAGAGTCCACTATTAAGAACGTGGACTCCAACGTCAAAGGGC  
 GAAAACCGCTATCAGGGCGATGGCGGATCAGCTTATGCGGTGTGAAATACCGCAGATGCGTAAGGAGAAAATACCGCATCAGCGCTCTTCG  
 CTTCTCGCTCACTGACTCGCTGCGCTCGGTGTTTCGCTGCGGCGAGCGGTATCAGCTCACTCAAAGGCGGTAAACGGTTATCCACAGAAATCAGG  
 GGATAACGCAGGAAAGAACATGCGGCGCGCCACATGTGAGCAAAAGGCCAGCAAAAGGCCAGGAACCGTAAAGGCCGCGTTGCTGGCGTTTTTC  
 ATAGGCTCCGCCCCCTGACGAGCATCAAAAAATCGACGCTCAAGTCAGAGGTGGCGAAACCCGACAGGACTATAAAGATACCAGGCGTTTCCCC  
 TGGAAAGCTCCCTCGTGGCTCTCCTGTTCCGACCTGCGGCTTACCGGATACCTGTCCGCTTTCTCCCTTCGGGAAGCGTGGCGTTTCTCATAGC  
 TCACGCTGTAGGTATCTCAGTTGCGGTAGGTGTTGCTCCAGCTGGGTGTGTGACGAACCCCGTTACGCCGACCGCTGCGCTTATCCG  
 GTAACATATCGTCTTGAGTCAACCCGGTAAGACAGACTTATCGCACTGGCAGCAGCCACTGGTAACAGGATTAGCAGAGCGAGGTATGTAGCGG  
 TGCTACAGAGTCTTGAAGTGGTGGCTAACTACGGCTACACTAGAAGGACAGTATTTGGTATCGCGCTCTGCTGAAGCCAGTTACCTTCGAAAA  
 AGAGTTGGTAGCTCTTGATCCGGCAAAACAAACCCGCTGGTAGCGGCGTTTTTGTGTGCAAGCAGCAGATTACGCGCAGAAAAAAGGATCTCA  
 AGAAGATCCTTTGATCTTTCTTACTGAACGGTGATCCCAACCGGAATTGGGCGCCATGTTCTTCTGCGTTATCCCTGATTCTGTGGATAACCG  
 TATTACCGCTTTGAGTGAGCTGATACCGCTCGCCGAGCCGAACGACCGAGCGCAGGTAGTGAGCGAGGAAGCGGAAGAGCGCCCAATACGC  
 AAACCGCTCTCCCGCGCTTGGCGGATTCATTATGCAGCTGGCGCGCTCGCTCGCTCACTGAGGCGCGCCGGGCAAGGCCGGGCGTGGGCGA  
 CCTTTGGTGGCCGGCTCAGTGAGCGAGCGAGCGCGCAGAGAGGAGTGGCAACTCCATCACTGAT

*Fig. 32B*

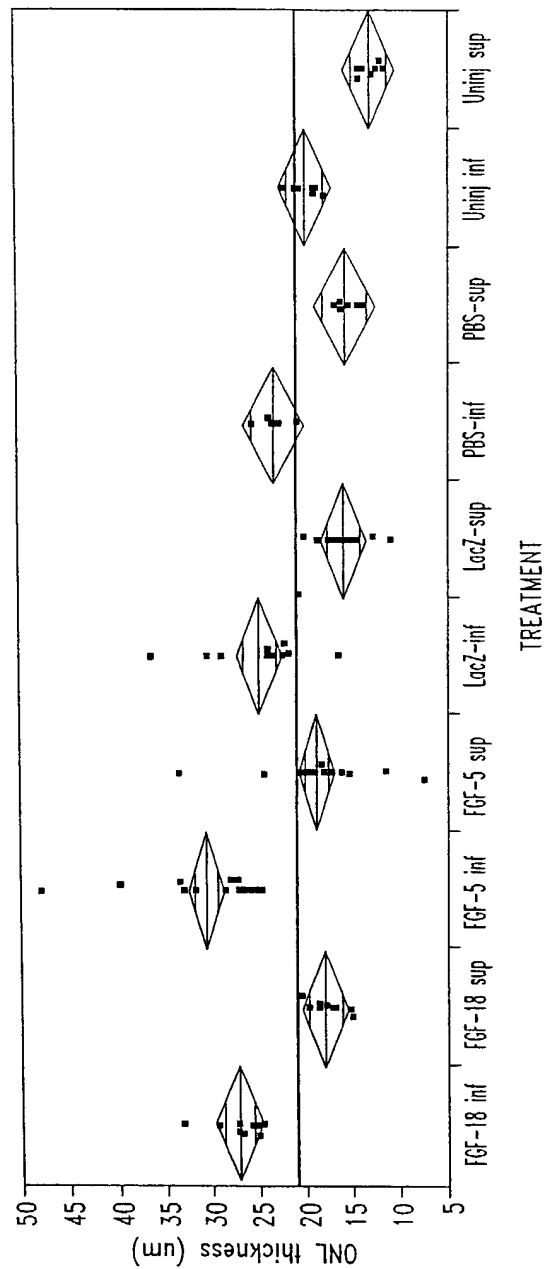
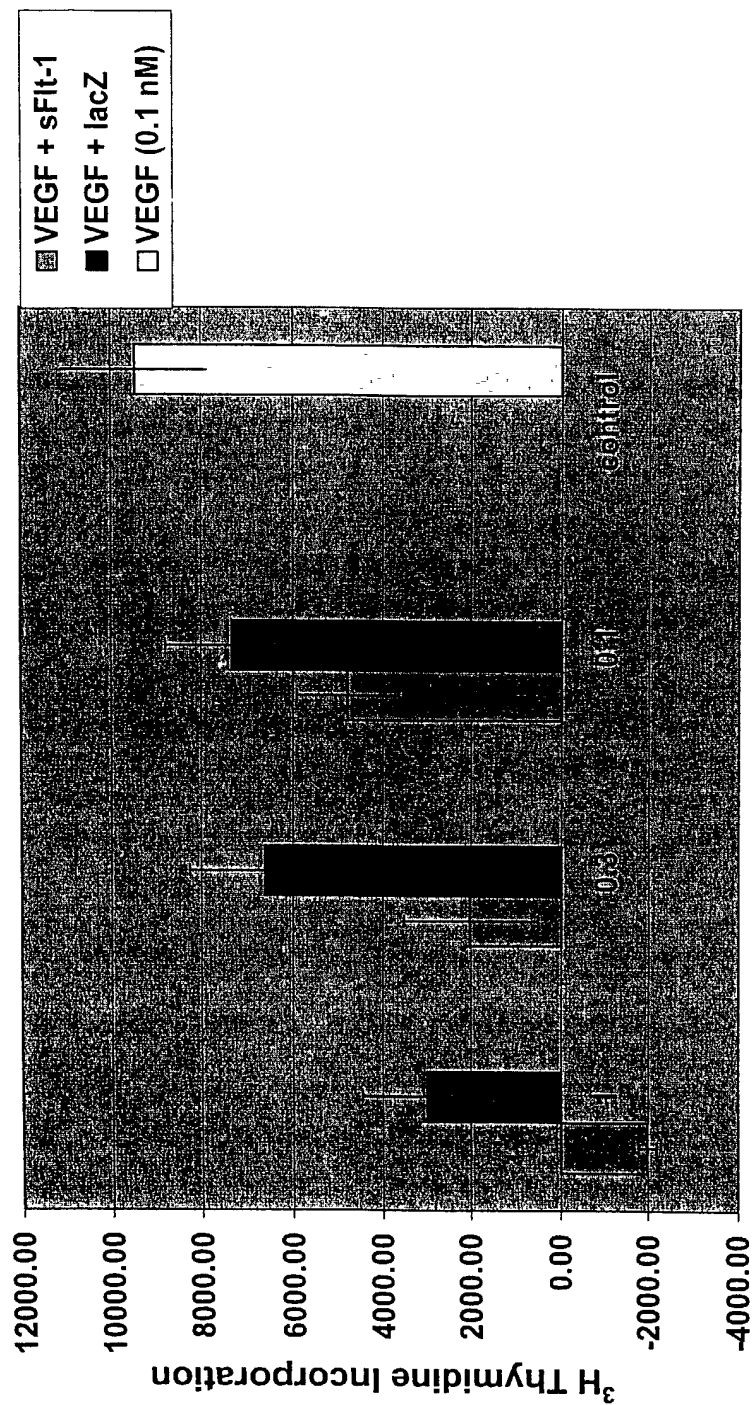


Fig. 33

# Inhibition of HMVEC Proliferation by sFlt-1 rAAV



sFlt-1 Protein in Conditioned Media (in nM)

FIGURE 34

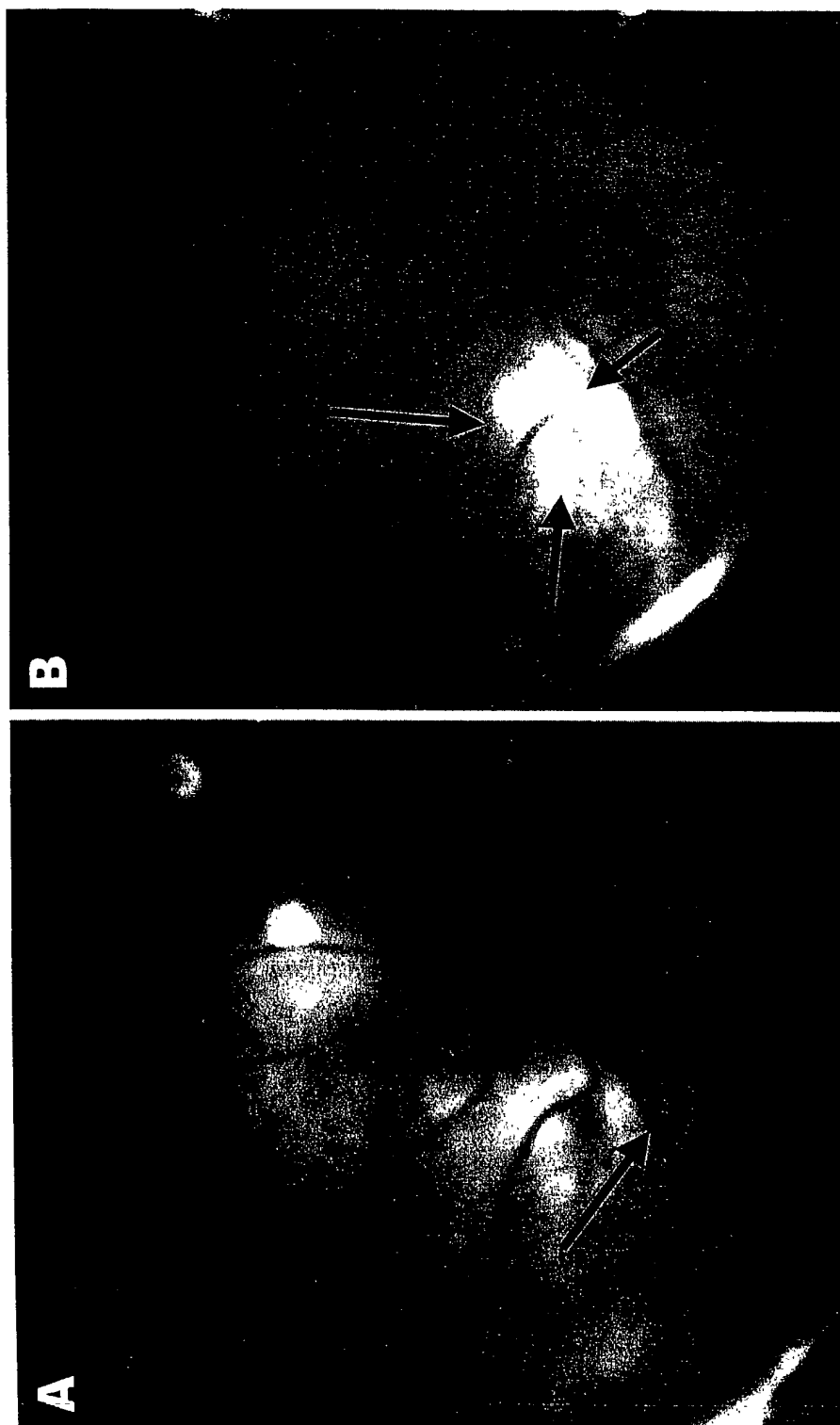


Figure 35. Fluorescein Angiography

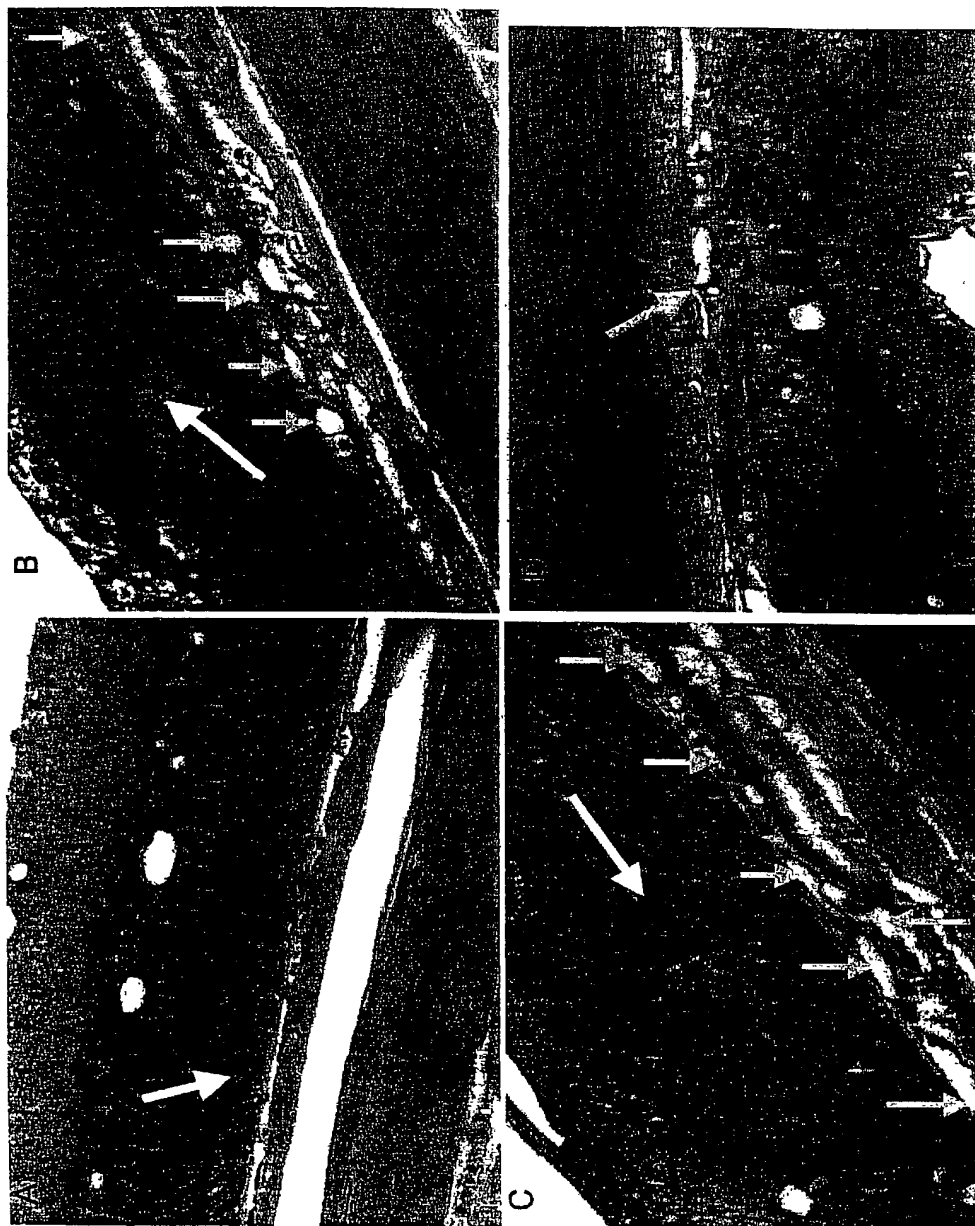


Figure 36. Epoxy Sections

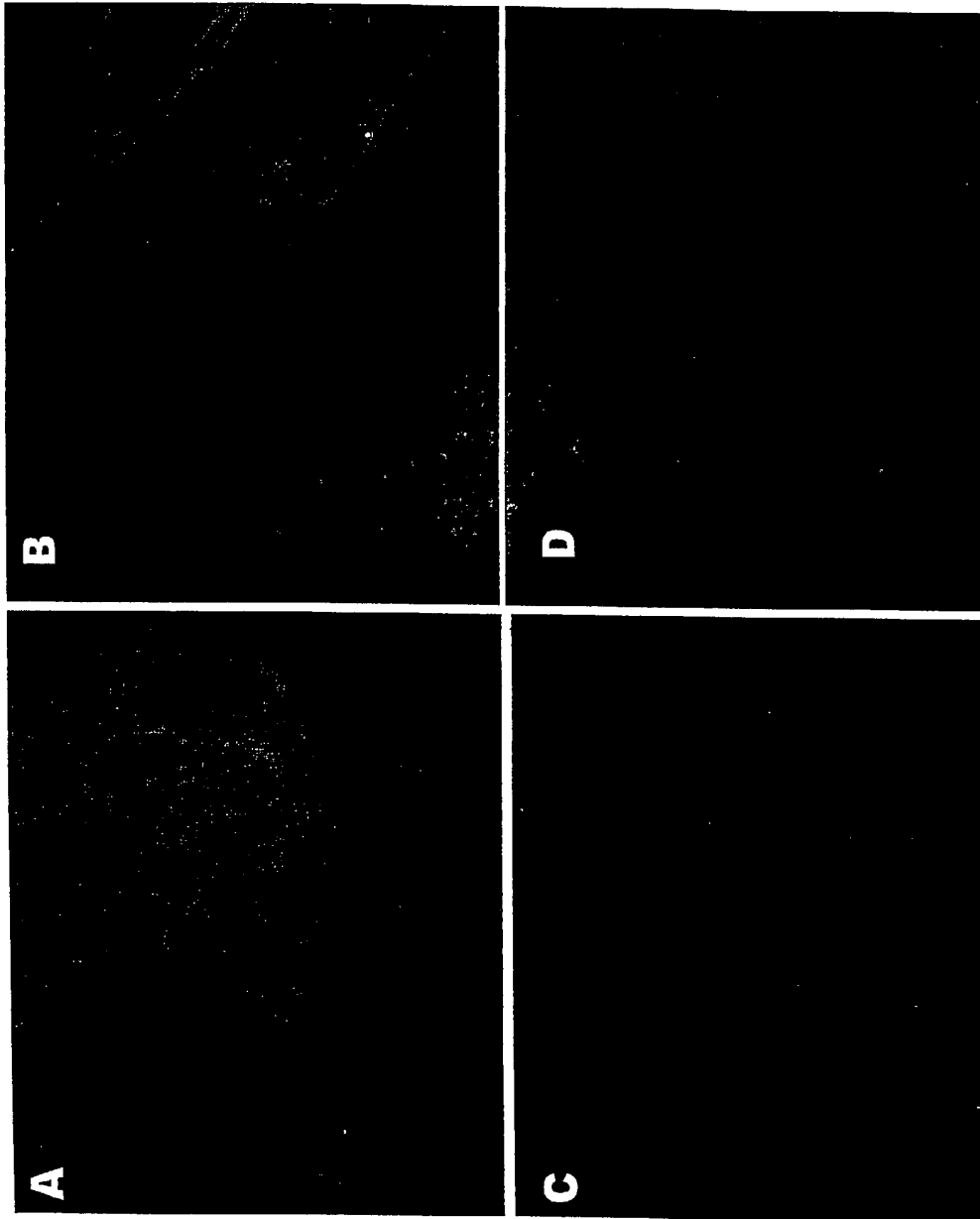
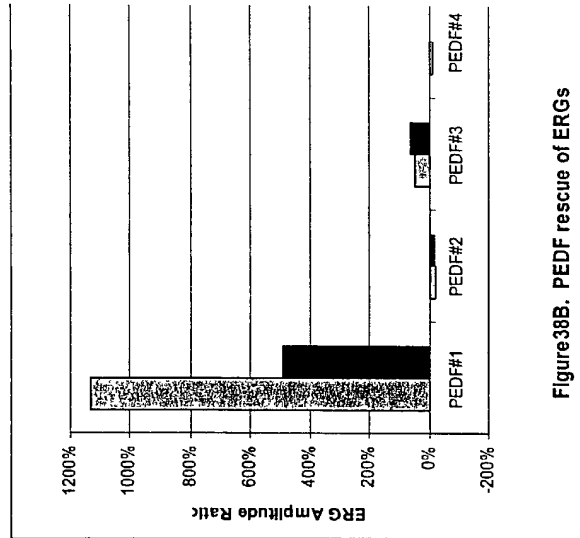
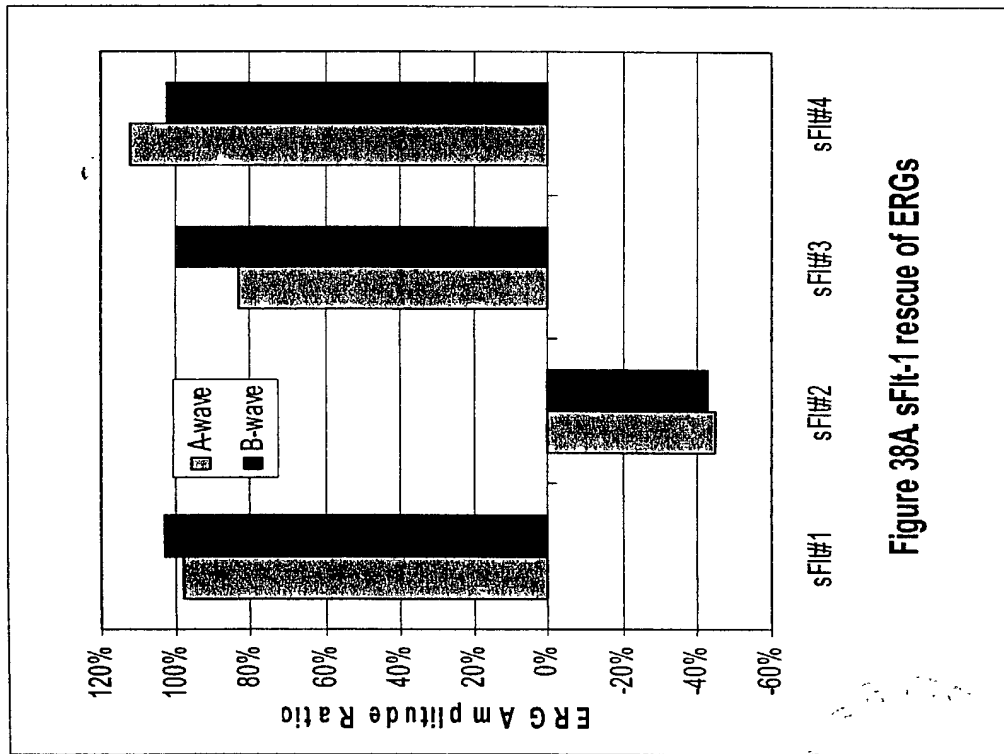


Figure 37. Lectin and BrdU staining





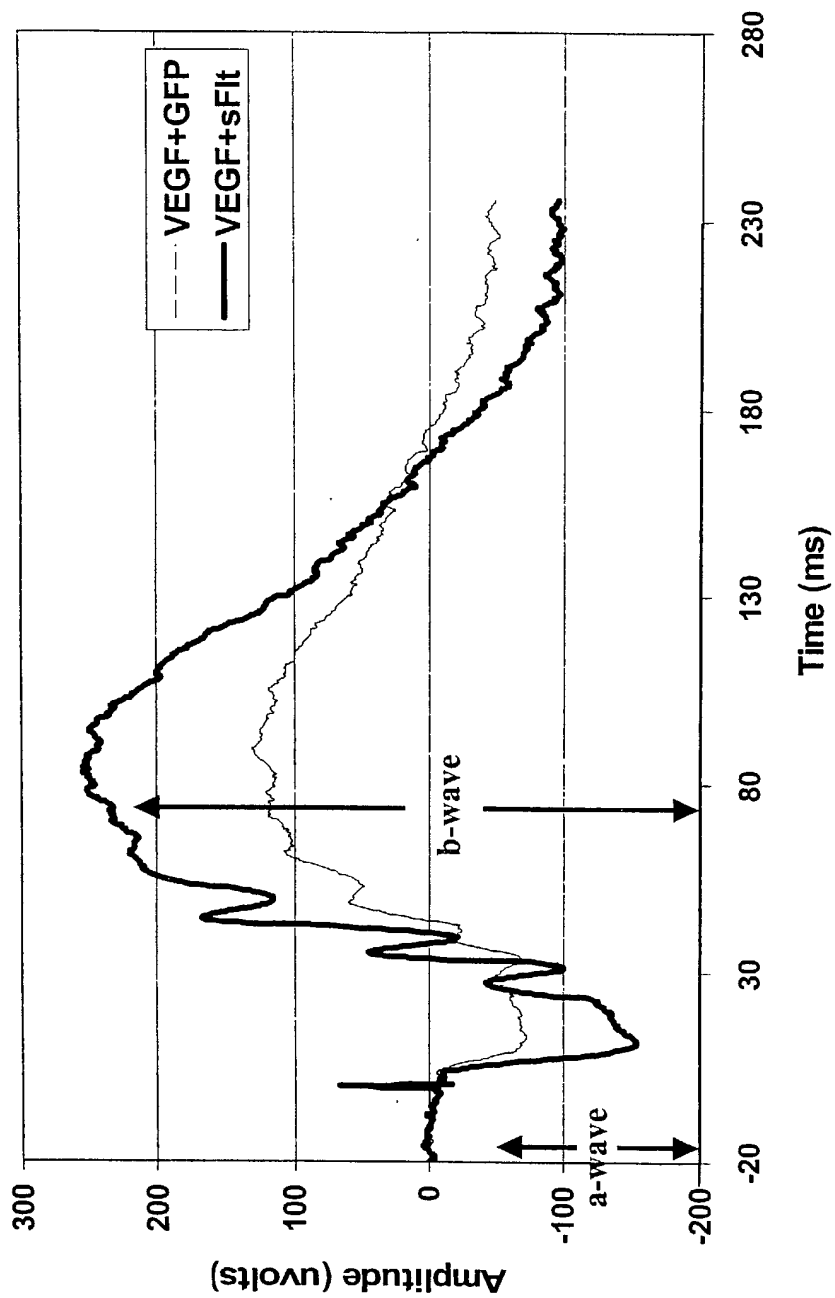


Figure 39. ERG of 070900 Rat#4 on 082300 (6 wk)

100909001 . 020302